The roles of MYO5B in epithelial cells and the intestine

Leng, Changsen

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Stellingen

Behorende bij het proefschrift

by

Changsen Leng

1. Recycling endosomes control late endo-lysosomal homeostasis. (this thesis)

2. Lysosomes are more susceptible to oxidative damage compared to other organelles because they contain more redox-active iron and fewer antioxidants. (this thesis and Yu et al., *Free Radic Biol Med* 2003)

3. Cells do not actively monitor endosome size during mitosis. (this thesis)

4. Oxidative lysosomal damage and resultant death of enterocytes is part of microvillus inclusion disease (MVID) pathogenesis. (this thesis)

5. Both symmetry and asymmetry serve as highly aesthetic sources of beauty (Zaidel et al., *Symmetry* 2010;2).

6. Lysosomes have numerous survival functions but also act as “suicide bags” in the cells. (this thesis and Turk et al., *J Biol Chem* 2009)

7. Chance favors the prepared mind. (机会青睐于有准备的人)

8. Nothing is impossible to a willing heart. (世上无难事，只怕有心人)